

16. (Canceled)

17. (Previously presented) The method of claim 9, wherein the transformed corn plant is regenerated in a low-oxygen environment.

18. (Previously presented) The method of claim 9 in which said low-oxygen environment is between about 5% and about 9% oxygen.

19. (Previously presented) The method of claim 9 in which said low-oxygen environment is about 7% oxygen.

20. (Canceled)

21. (Previously presented) The method of claim 11 in which said low-oxygen environment is between about 5% and about 9% oxygen.

22. (Previously presented) The method of claim 11 in which said low-oxygen environment is about 7% oxygen.

23. (Currently amended) The method of claim 1, wherein the plant callus tissue or a precultured immature corn embryo plant cell or plant tissue is maintained in a low-oxygen environment during the step of culturing on the selective growth medium or during the step of regenerating the transformed plant.

24. (Currently amended) The method of claim 1, wherein the plant callus tissue or a precultured immature corn embryo plant cell or plant tissue is maintained in a low-oxygen environment during the step of culturing on the selective growth medium and during the step of regenerating the transformed plant.

25. (Previously presented) The method of claim 9, wherein the corn callus is maintained in a low-oxygen environment during the step of culturing on the selective growth medium or during the step of regenerating the transformed plant.

26. (Previously presented) The method of claim 9, wherein the corn callus is maintained in a low-oxygen environment during the step of culturing on the selective growth medium and during the step of regenerating the transformed plant.